

FAT3 Rabbit pAb

FAT3 Rabbit pAb
Catalog # AP54364

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8TDW7
Predicted	Rat, Dog, Human, Mouse, Rabbit, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	501978
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CDHF15/FAT3
Epitope Specificity	601-800/4589
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane; Single-pass type I membrane protein (Potential).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The cadherins represent a family of Ca ²⁺ -dependent adhesion molecules that function to mediate cell to cell binding that is critical for the maintenance of structure and morphogenesis. Cadherins each contain a large extracellular domain at the N-terminus, which is characterized by a series of five homologous repeats, the most distal of which is thought to be responsible for binding specificity. The relatively short C-terminal intracellular domain interacts with a variety of cytoplasmic proteins, including β -catenin, to regulate cadherin function. The cadherin superfamily includes cadherins, protocadherins, desmogleins and desmocollins. FAT3 (FAT tumor suppressor homolog 3, also known as CDHF15 or CDHR10, is a 4,589 amino acid single-pass type I membrane protein expressed in ES cells, primitive neuroectoderm, fetal brain, infant brain, adult neural tissues and prostate. Containing thirty-three cadherin domains, four EGF-like domains and one laminin G-like domain, FAT3 may participate in the interactions between neurites derived from specific subsets of neurons during development.

Additional Information

Gene ID	120114
Other Names	Protocadherin Fat 3, hFat3, Cadherin family member 15, FAT tumor suppressor homolog 3, FAT3, CDHF15, KIAA1989
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000

Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
----------------	---

Protein Information

Name	FAT3
Synonyms	CDHF15, KIAA1989
Function	May play a role in the interactions between neurites derived from specific subsets of neurons during development.
Cellular Location	Membrane; Single-pass type I membrane protein
Tissue Location	Expressed in ES cells, primitive neuroectoderm, fetal brain, infant brain, adult neural tissues and prostate

Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.